

Replace the existing Abstract of the Disclosure with the following Abstract:

Abstract of the Disclosure

A method and device for producing a fancy yarn, which corresponds to an existing model fancy yarn. The model fancy yarn is guided through a measuring mechanism and at least one of the diameter and mass of the model fancy yarn is continuously measured. The measured values are evaluated by an evaluation mechanism and the effect formation of the model fancy yarn is determined from the effect regions and webs therebetween. A yarn design unit generates the data required for spinning, in particular on a rotor spinning machine, from the effect data using a yarn design software, and control mechanisms control the drives of the spinning machine based on the data transmitted by the yarn design unit.